		I claim:
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1	1.	A system for use in a well, comprising:
2		at least one wireless network device in the well.
1	2.	The system of claim 1, further comprising:
2		a plurality of wireless network devices in the well.
1	3.	The system of claim 1, further comprising:
2		an interlink wireless network device positioned proximal the surface of the well;
3		a communication line interconnecting the interlink wireless network device to a surface
4		controller.
1	4.	The system of claim 1, further comprising:
2		the at least one wireless network device communicating with a downhole device.
1	5.	The system of claim 4, wherein the downhole device is selected from gauges, sensors,
2		valves, sampling devices, a device used in intelligent or smart well completion,
3		temperature sensors, pressure sensors, flow-control devices, flow rate measurement
4		devices, oil/water/gas ratio measurement devices, scale detectors, actuators, locks, release

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5 mechanisms, equipment sensors (e.g., vibration sensors), sand detection sensors, water detection sensors, data recorders, viscosity sensors, density sensors, bubble point sensors, 6 7 composition sensors, resistivity array devices and sensors, acoustic devices and sensors, other telemetry devices, near infrared sensors, gamma ray detectors, H₂S detectors, CO₂ 8 detectors, downhole memory units, downhole controllers, perforating devices, shape 9 10 charges, firing heads, and locators.

- 1 6. The system of claim 1, further comprising:
- 2 the at least one wireless network device is in communication with a power source.
- 7. The system of claim 6, wherein the power source is selected from a battery, a fuel cell, a 1 downhole power generator, and a communication line extending to a surface of the well. 2
- 1 8. The system of claim 1, further comprising:
- 2 at least one wireless network device positioned in a lateral branch of a multilateral well.
- 1 9. The system of claim 1, further comprising:
- 2 a first wireless network device positioned in a lateral branch of a multilateral well;
- 3 a second wireless network device positioned outside the lateral branch in the well;
- 4 the first wireless network device and second wireless network device positioned within
- 5 range of one another.
- 1 10. The system of claim 1, further comprising:

2		a wireless network device in a wellhead of the well.
1	11.	The system of claim 10, further comprising:
2		a wireless network device outside the well adapted to communicate with the at least one
3		wireless network device in the wellhead.
1	12.	The system of claim 10, further comprising:
2		the wireless network device in the wellhead adapted to communicate with the at least one
3		wireless network device in the well.
1	13.	The system of claim 10, further comprising:
2		a communication line in communication with the wireless network device in the
3		wellhead.
1	14.	The system of claim 1, further comprising:
2		a wireless network device outside the well adapted to communicate with the at least one
3		wireless network device in the well.
1	15.	The system of claim 10, further comprising:
2	•	a communication line in communication with the wireless network device outside the
3		well.
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1	16.	The system of claim 1, further comprising at least one secondary communication system

1	17.	The system of claim 16, wherein the secondary communication system is selected from
2		communication line, a fiber optic line, an Internet, a satellite, a telephone system, and an
3		intranet.
1	18.	The system of claim 16, wherein the at least one secondary communication system
2		provides communication between the at least one wireless network device and a location
3		selected from a remote land-based location and an offshore surface location.
1	19.	The system of claim 1, further comprising:
2		a first wireless network device positioned outside a casing in the well;
3		a second wireless network device positioned inside the casing of the well;
4		the first wireless network device and the second wireless network device adapted to
5		communicate with one another.
1	20.	The system of claim 19, further comprising:
2		a memory device communicating with the first wireless network device.
1	21.	The system of claim 19, wherein:
2		the second wireless network device is mounted in the well.
1	22.	The system of claim 19, further comprising:

in communication with the at least one wireless network device.

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2		the second wireless network device is provided on a running tool.
1	23.	The system of claim 1, further comprising:
2		a first wireless network device positioned outside a tubing in the well;
3		a second wireless network device positioned inside the tubing of the well;
4		the first wireless network device and the second wireless network device adapted to
5		communicate with one another.
1	24.	The system of claim 23, further comprising:
2		a memory device communicating with the first wireless network device.
1	25.	The system of claim 23, wherein:
2		the second wireless network device is mounted in the well.
1	26.	The system of claim 23, further comprising:
2		the second wireless network device is provided on a tool.
1	27.	The system of claim 26, wherein:
2		the tool has a memory device therein.
1	28.	The system of claim 23, further comprising:
2		at least a portion of the tubing extends through a casing in the well;
3		a third wireless network device positioned inside the casing of the well;

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4 the first wireless network device, the second wireless network device, and the third 5 wireless network device are adapted to communicate with one another. 1 29. The system of claim 28, wherein: 2 the first wireless network device relays information between the second wireless network 3 device and the third wireless network device. 30. 1 The system of claim 1, further comprising: 2 a tool having a wireless network device. 1 31. The system of claim 30, wherein: 2 the at least one wireless network device in the well located at a predetermined position 3 therein; 4 a depth correlation circuitry in the tool is in communication with the wireless network 5 device in the tool and is adapted to detect a signal from the connected wireless 6 network device and determine the depth of the tool in the well therefrom. 1 32. The system of claim 31, further comprising: 2 a plurality of wireless network devices in the well; 3 the tool detects the signal of at least two of the plurality of wireless network devices to 4 determine the depth of the tool. 1 33. The system of claim 31, further comprising:

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2		a plurality of wireless network devices in the well;
3		the tool detects the signal of at least three of the plurality of wireless network devices to
4		triangulate the depth of the tool.
1	34.	The system of claim 30, wherein:
2		the at least one wireless network device in the well located at a predetermined position
3		therein;
4		an actuation circuitry in the tool is in communication with the wireless network device in
5		the tool and is adapted to detect a signal from the connected wireless network
6		device and actuate the tool.
1	35.	The system of claim 34, wherein:
2		the actuation circuitry provides a firing command to a perforating gun.
1	36.	The system of claim 34, wherein:
2		the actuation circuitry provides an actuating command to a valve.
1	37.	The system of claim 34, wherein:
2		the actuation circuitry provides an actuating command to a release.
1	38.	The system of claim 34, wherein:
2		the actuation circuitry provides an actuating command to a recorder.

1	39.	A method for use in a well, comprising:
2		providing a wireless network device in well.
1	40.	The method of claim 39, further comprising:
2		providing a plurality of wireless network devices in the well.
1	41.	The method of claim 39, further comprising:
2		communicating with a downhole device via the wireless network device.
1	42.	The method of claim 39, further comprising:
2		powering the wireless network device with a downhole power source.
1	43.	The method of claim 39, further comprising:
2		telemetering data in a multilateral well using the wireless network device.
1	44.	The method of claim 39, further comprising:
2		telemetering data from the well to a position outside the well using the wireless network
3		device.
1	45.	The method of claim 39, further comprising:
2		telemetering data from through a casing using the wireless network device.
1	46.	The method of claim 39, further comprising:

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2		telemetering data from through a tubing using the wireless network device.
1	47.	The method of claim 19, further comprising:
2		storing information downhole;
3		transferring the stored information to running tool via the wireless network device.
1	48.	The method of claim 30, further comprising:
2		determining the depth of a tool in the well using the wireless network device.
1	49.	The method of claim 30, wherein:
2		actuating a tool in the well using the wireless network device.
1	50.	A telemetry system for a well, comprising:
2		a plurality of wireless network devices in the well.
2	51.	a plurality of wireless network devices in the well. A system for use in a well, comprising:
	51.	
1	51.	A system for use in a well, comprising:
1 2	51.	A system for use in a well, comprising: a first device positioned in the well;
1 2 3	51.	A system for use in a well, comprising: a first device positioned in the well; a second device remotely located with respect to the first device;
1 2 3 4	51. 52.	A system for use in a well, comprising: a first device positioned in the well; a second device remotely located with respect to the first device; means for transferring data between the first device and the second device using short-

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3		a subsea vehicle having a wireless network device therein that is adapted to communicate
4		with the wireless network device positioned in the subsea structure.
1	53.	The method of claim 52, wherein:
2		the subsea structure is selected from a wellhead, a subsea processing device, a power
3		generation device and a subsea monitor.
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1	54.	The method of claim 52, wherein:
2		the subsea vehicle is selected from an ROV and a AUV.
1	55.	A subsea telemetry system, comprising:
2		a wireless network device positioned proximal the sea floor;
3		a subsea vehicle having a wireless network device therein that is adapted to communicate
4		with the wireless network device positioned proximal the sea floor.
1	56.	The system of claim 55, further comprising:
2		a guidance circuitry of the subsea vehicle in communication with the wireless network
3		device of the subsea vehicle, the guidance circuitry adapted to determine the
4		relative position of the subsea vehicle based upon input from the interconnected
5		wireless network device.
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